

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 8 | signal\$3 near3 leg near3 threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 08:47 |
| L4 | 40 | load\$3 near3 level same upper near3 threshold same low\$3 near3 threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 09:27 |
| L5 | 2 | load\$3 near3 level same upper near3 threshold same low\$3 near3 threshold same mode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 09:32 |
| L6 | 68 | load\$3 same upper near3 threshold same low\$3 near3 threshold same mode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 09:46 |
| S6 | 5 | (reduc\$3 minimiz\$3 decreas\$3) same ((paging-related adj delay) (paging near2 related near2 delay)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 17:45 |
| S7 | 79 | (reduc\$3 minimiz\$3 decreas\$3) same paging near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 11:19 |
| S8 | 2 | (reduc\$3 minimiz\$3 decreas\$3) and paging near3 delay and low adj mobility and active | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/20 17:54 |
| S13 | 2 | (reduc\$3 minimiz\$3 decreas\$3) same pag\$3 near3 delay\$3 and (low near2 mobility) and active near3 state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 10:52 |

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| S14 | 6 | (reduc\$3 minimiz\$3 decreas\$3) same pag\$3 near\$3 delay\$3 and ((low near\$2 mobility) inactive idle dormant) and active near\$3 state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 16:54 |
| S17 | 3 | (reduc\$3 minimiz\$3 decreas\$3) same paging near\$3 delay and push-to-talk | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 11:21 |
| S18 | 34 | (reduc\$3 minimiz\$3 decreas\$3) same paging near\$3 delay and (dormant inactive idle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 11:22 |
| S19 | 19 | active near\$2 (state condition) same (ms with (new\$2 recent\$2)) same group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:37 |
| S22 | 3 | push-to-talk same active near\$2 (state or condition) same group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:10 |
| S23 | 1032 | ms same (newly recently) same available same group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:19 |
| S25 | 2 | ms near\$6 (newly recently) near\$6 available near\$6 group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:17 |
| S26 | 7 | ms with (newly recently) with available with group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:18 |

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| S27 | 1434 | (ms portable cell cellular telephone phone pda) same (newly recently) same available same group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:20 |
| S28 | 2 | (ms portable cell cellular telephone phone pda) same (newly recently) same available same group same (messag\$3 near2 buddy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:20 |
| S29 | 5 | (ms portable cell cellular telephone phone pda) near9 (newly recently) near9 available near9 group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:32 |
| S30 | 19 | (ms portable cell cellular telephone phone pda) near9 new\$2 near9 available near9 group | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 17:33 |
| S31 | 161 | active near2 (state condition) same (add\$3 join\$3) with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:01 |
| S32 | 51 | active near2 (state condition) same (mobile potable cell cellular telephone phone ms) same (add\$3 join\$3) with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:03 |
| S33 | 26 | (mobile potable cell cellular telephone phone ms) same new near2 user with (add\$3 join\$3) with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:10 |
| S36 | 116 | (mobile portable cellular telephone phone ms pda) with new\$2 with available with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:21 |

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| S38 | 2 | (mobile portable cellular telephone phone ms pda) adj9 new\$2 adj9 available adj9 group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:17 |
| S40 | 14 | (mobile portable cellular telephone phone ms pda) same new\$2 with user with join\$3 with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:24 |
| S41 | 72 | new\$2 near5 user near5 join\$3 with group\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:27 |
| S42 | 105721 | "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:26 |
| S43 | 7 | S41 and S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 18:26 |
| S45 | 10 | group same data near2 burst same short near2 message | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 08:34 |
| S46 | 2 | group and data near2 burst and (short near2 message (sms)) and (short near2 data near2 burst (sdb)) and voice near2 mail and email and broad\$cast | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 08:37 |
| S47 | 2 | data near2 burst and (short near2 message (sms)) and (short near2 data near2 burst (sdb)) and voice near2 mail and email and broad\$cast | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 08:48 |

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| S54 | 1 | push-to-talk and cell with (sufficient enough) with (capacity space) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 10:37 |
| S55 | 132 | cell with (sufficient enough) with (capacity space) and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 10:41 |
| S56 | 3 | serving adj2 cell with (sufficient enough) with (capacity space) and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 10:38 |
| S57 | 68 | cell near6 (sufficient enough) near6 (capacity space) and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 11:21 |
| S60 | 309 | group near3 messag\$3 same ((short near2 messag\$3 near2 service)sms) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 11:24 |
| S61 | 196 | group near3 messag\$3 with ((short near2 messag\$3 near2 service)sms) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 11:24 |
| S62 | 76 | group near2 messag\$3 near4 ((short near2 messag\$3 near2 service)sms) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 11:25 |
| S64 | 2 | group near2 messag\$3 same parameter near3 messag\$3 same ((short near2 messag\$3 near2 service)sms) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/29 11:26 |

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| S73 | 278 | assign\$4 near3 threshold and upper near3 threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 17:34 |
| S74 | 104 | assign\$4 near3 threshold same upper near3 threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 17:35 |
| S75 | 1 | assign\$4 near3 threshold same upper near3 threshold same load\$3 near2 level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 17:35 |
| S76 | 9 | assign\$4 near3 threshold same upper near3 threshold same load\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 09:24 |
| S78 | 50 | group\$3 same (idle dormant sleep\$3) near3 mode same active near3 mode and (mobile cellular cell portable cellular phone telephone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:31 |
| S82 | 2 | signal\$3 near2 leg with below with threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:37 |
| S83 | 14 | signal\$3 near2 leg with threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:41 |
| S84 | 115 | "455"/\$.ccls. and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:41 |

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| S85 | 10 | signal\$3 near2 leg same (below less lower\$3) near5 threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 19:02 |
| S86 | 34 | signal\$3 near2 leg same (below less lower\$3) near5 (threshold target reference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 08:29 |